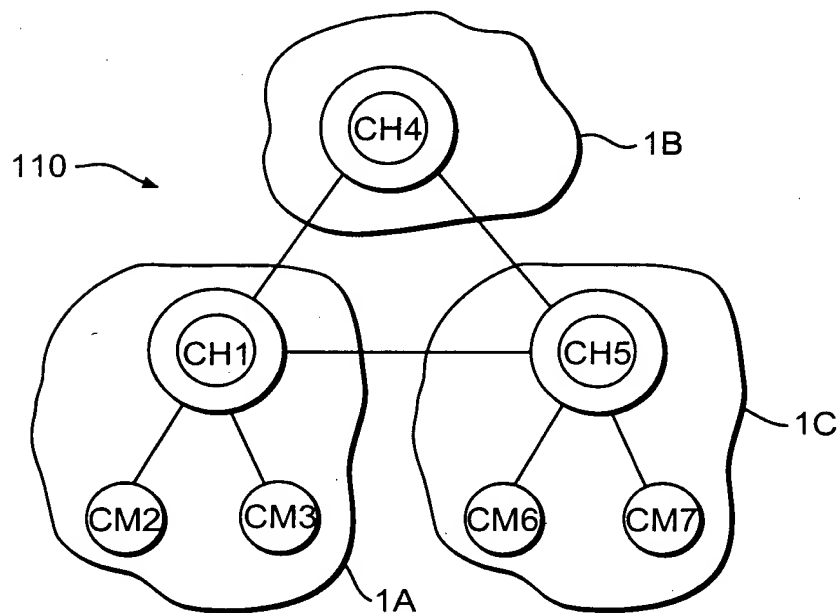


**FIG. 1A**  
PRIOR ART



**FIG. 1B**  
PRIOR ART

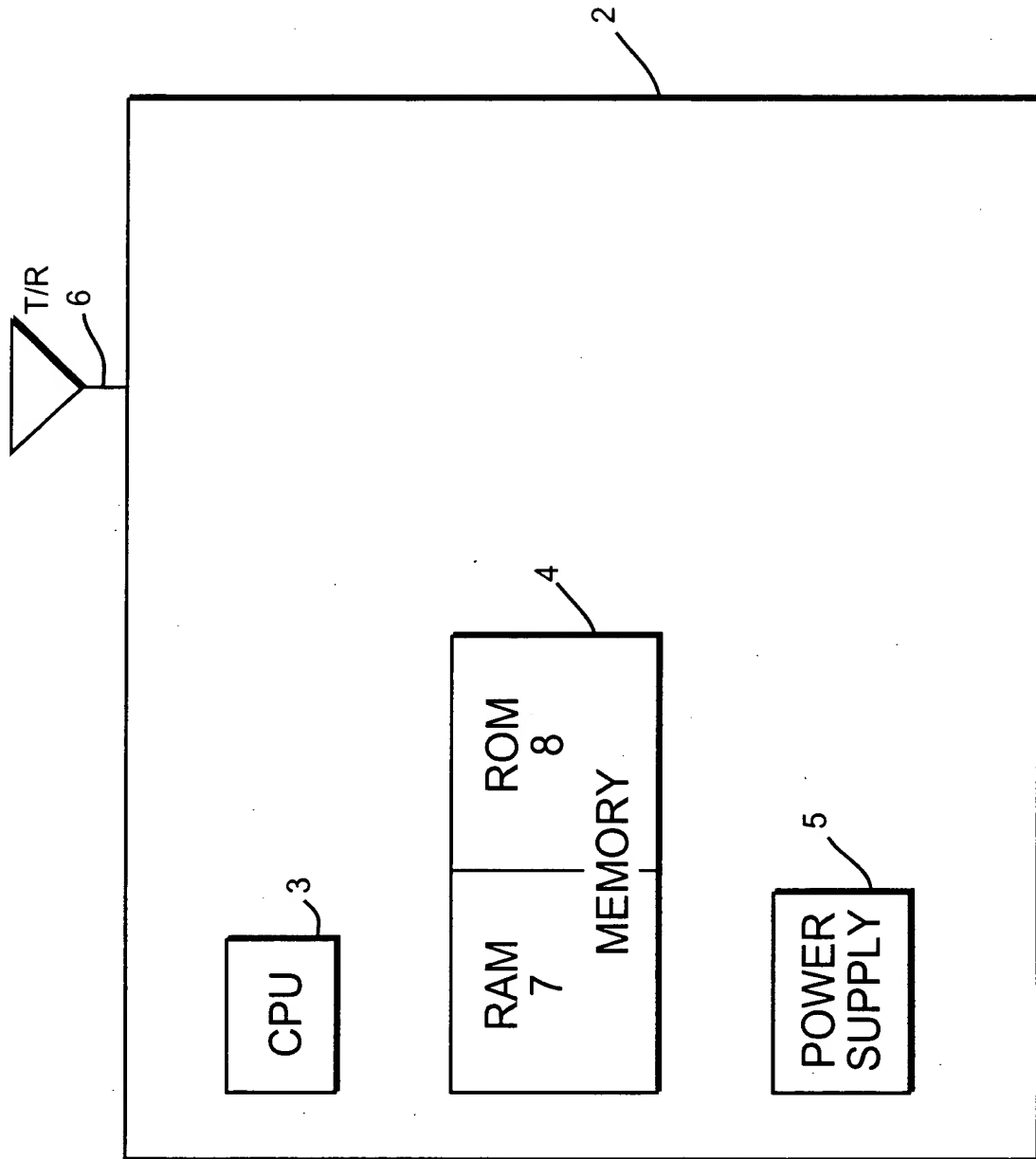
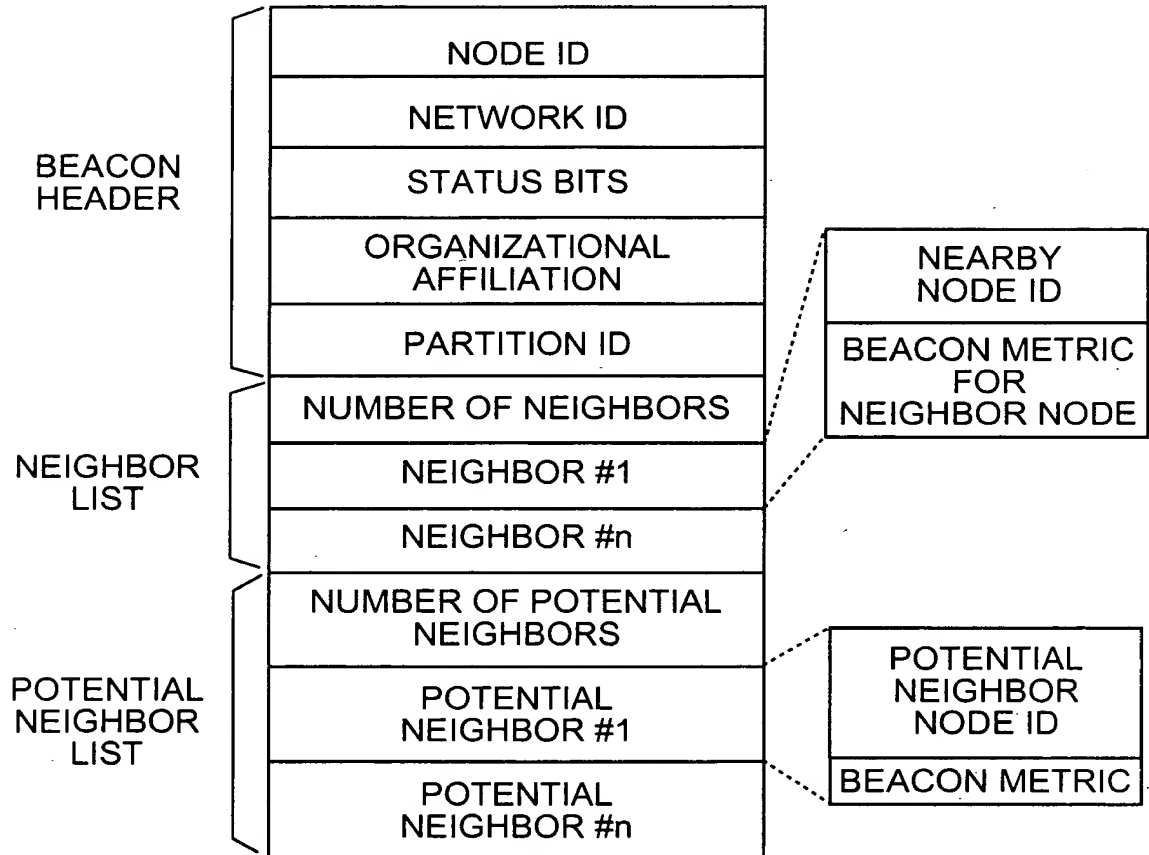
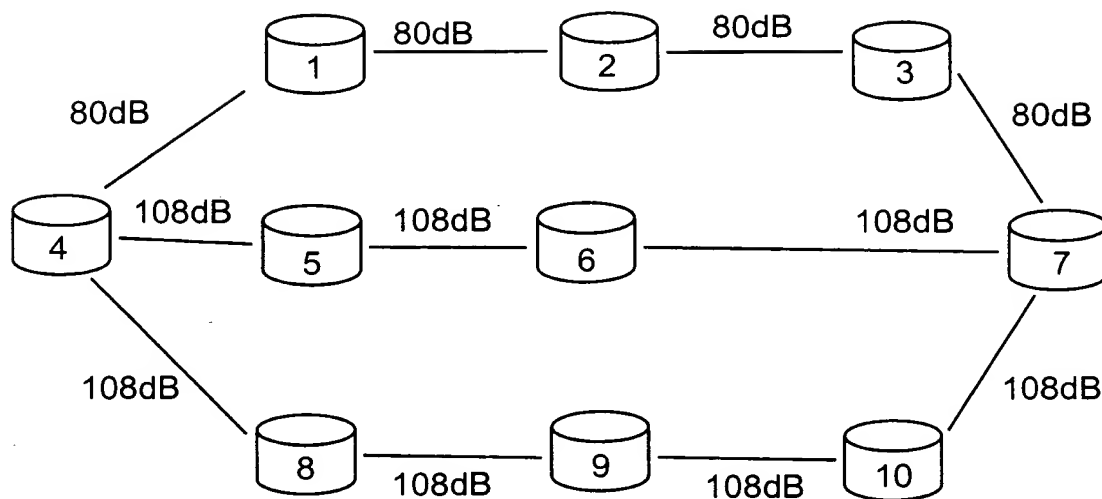


FIG. 2

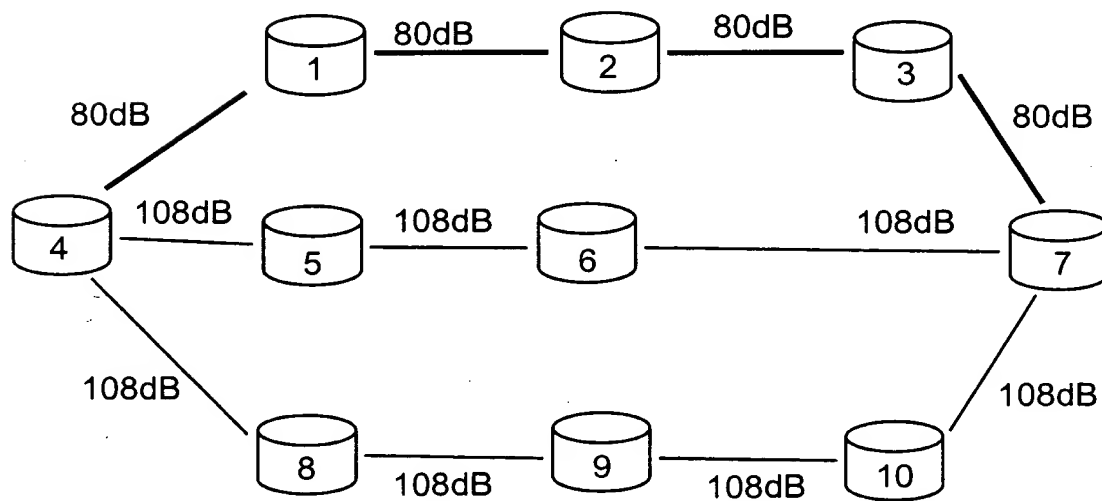
# FORMAT OF A BEACON MESSAGE



**FIG. 3**



**FIG. 4**



**FIG. 5**

NODE B RECEIVES A PACKET  
 FROM NODE A. NODE B DETERMINES  
 INFORMATION REGARDING THE ACTUAL  
 POWER OF THE RECEIVED PACKET

S1



NODE B CALCULATES AN OPTIMAL  
 TRANSMISSION POWER LEVEL TO  
 SEND A PACKET TO NODE A

S2



**NODE B DISTRIBUTES  
ENERGY INFORMATION  
TO THE NETWORK**

- S3



NETWORK NODES USE THE ENERGY INFORMATION TO DETERMINE MINIMUM PATH ROUTES

S4

**FIG. 6**

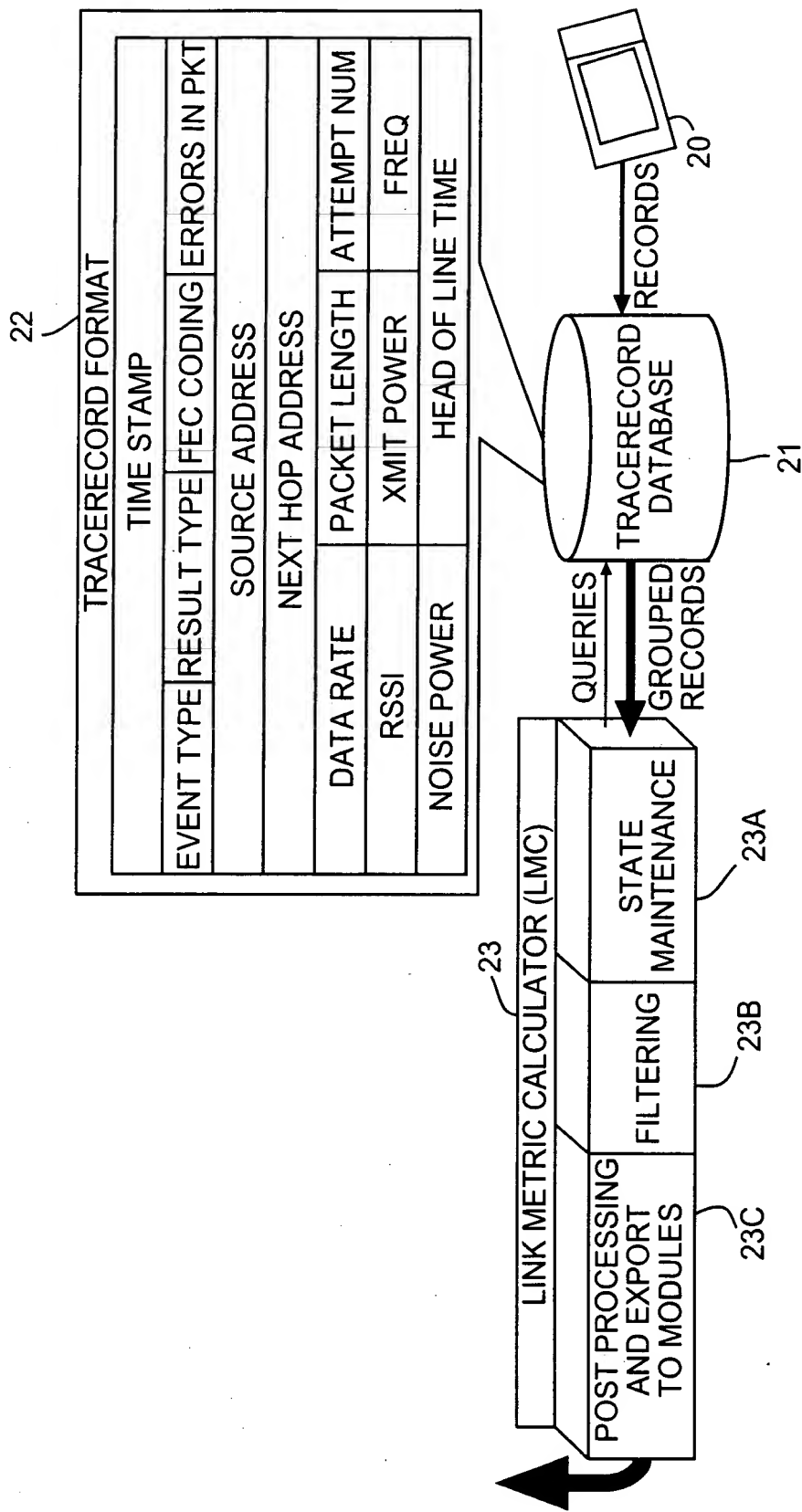
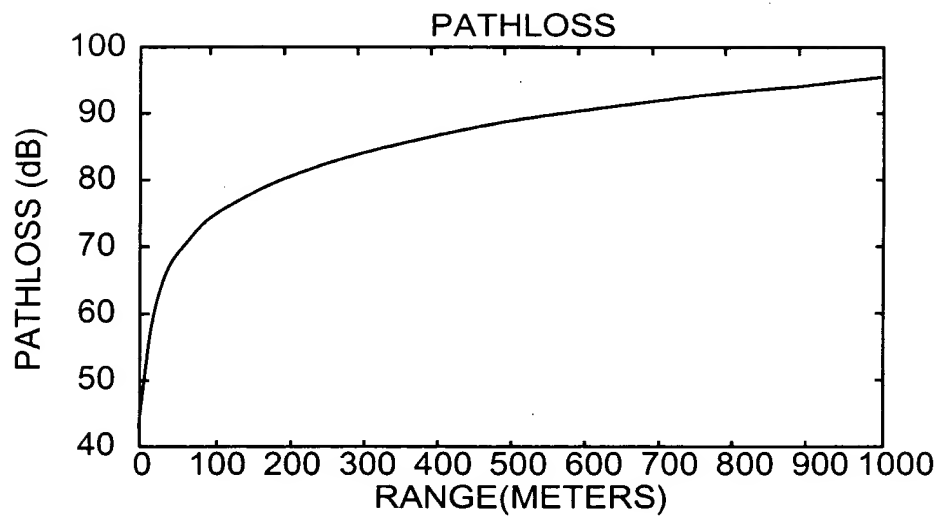
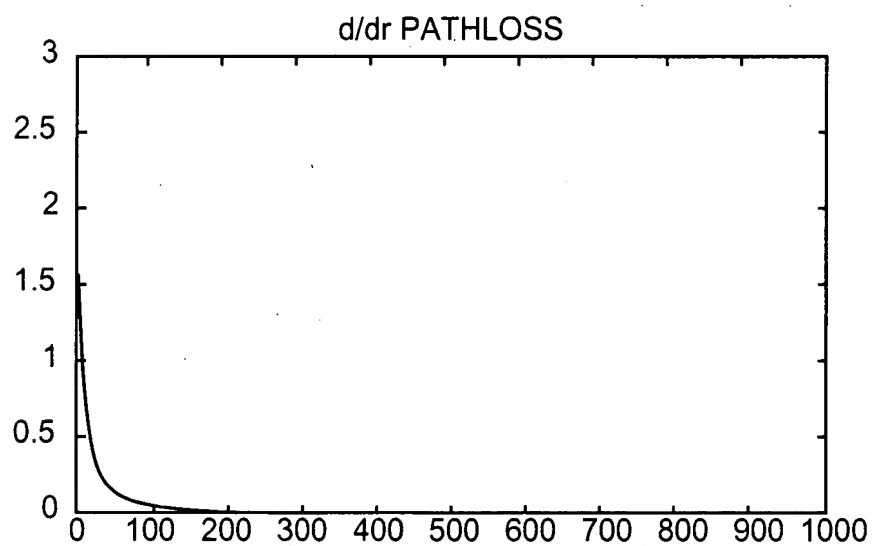


FIG. 7

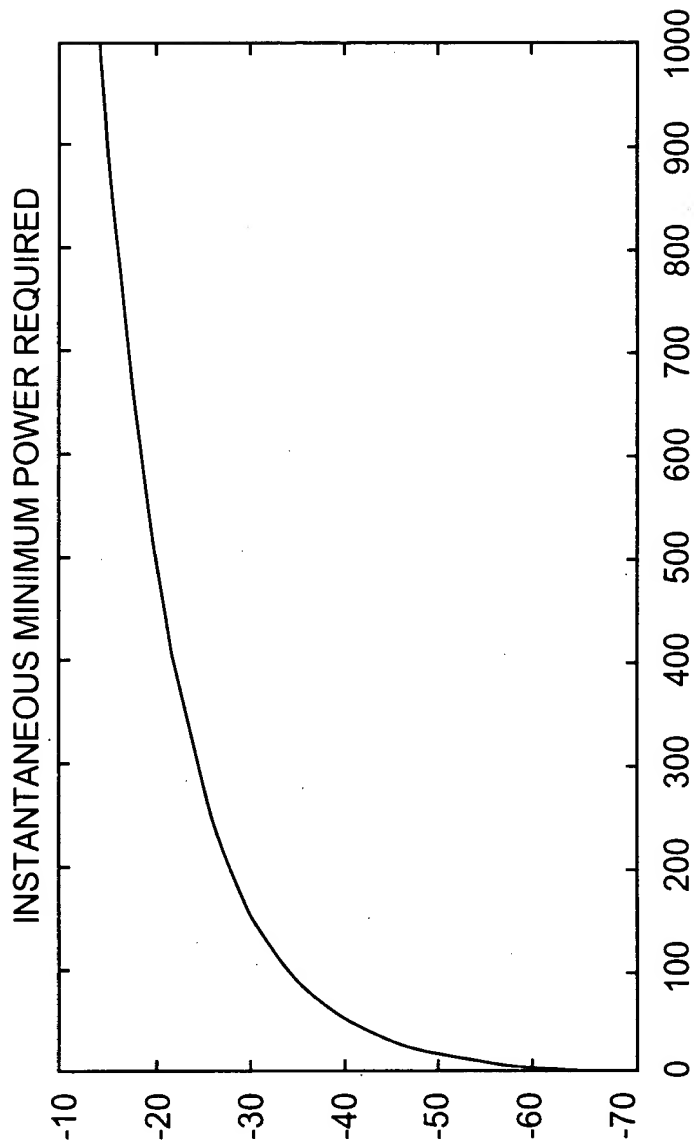
008021" 49552650



**FIG. 8**



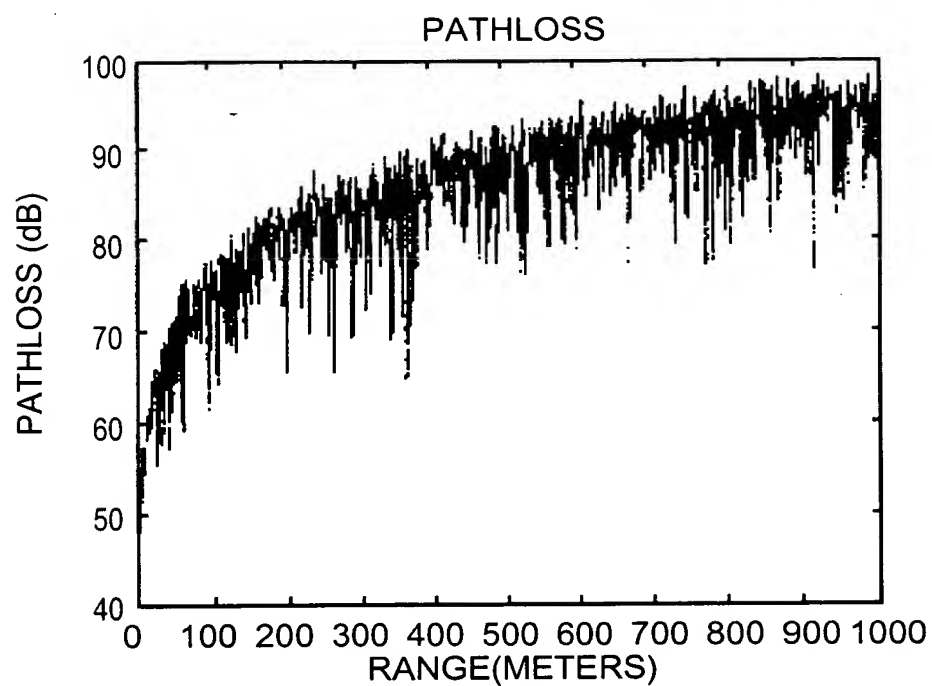
**FIG. 9**



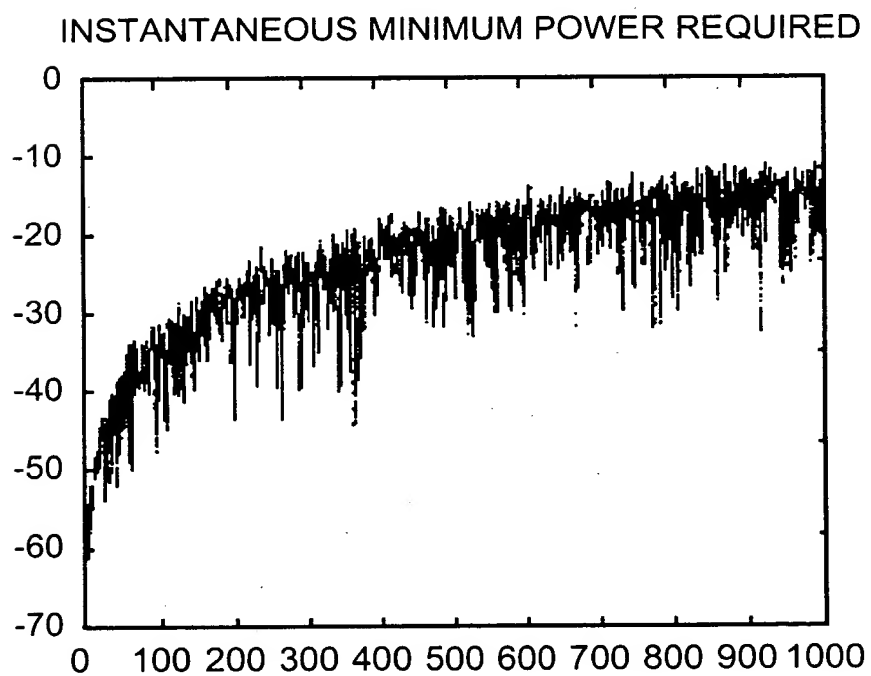
**FIG. 10**



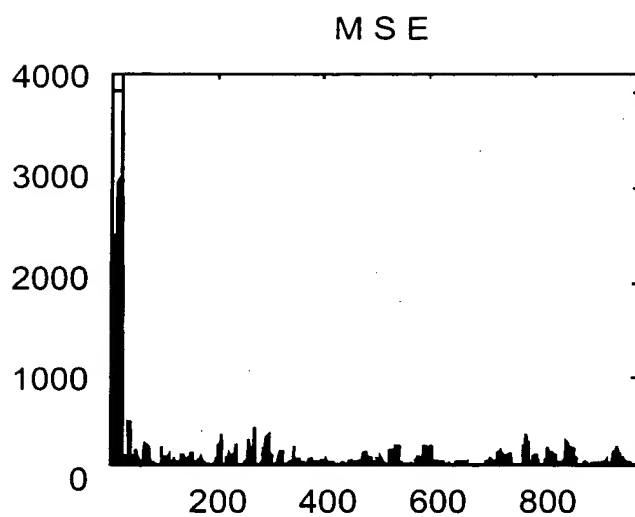
09733364 120800



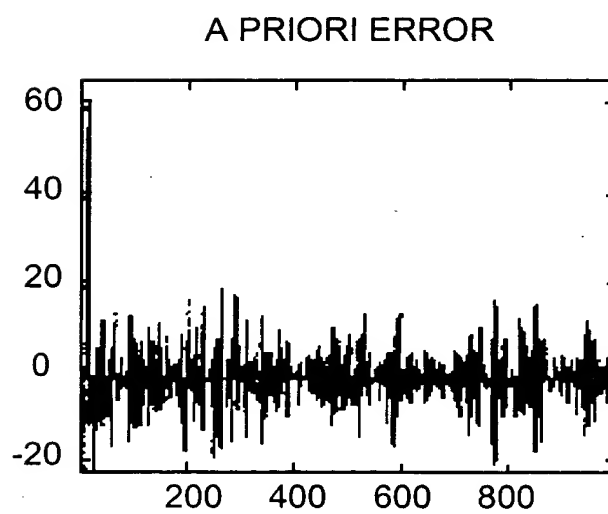
**FIG. 11**



**FIG. 12**

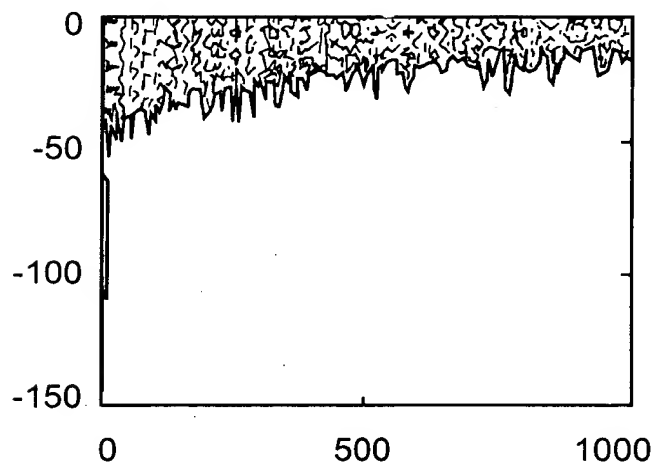


**FIG. 13A**



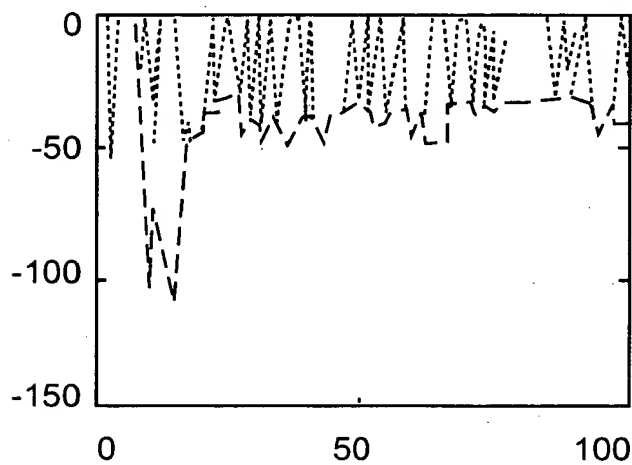
**FIG. 13B**

FILTER INPUT AND FILTER OUTPUT



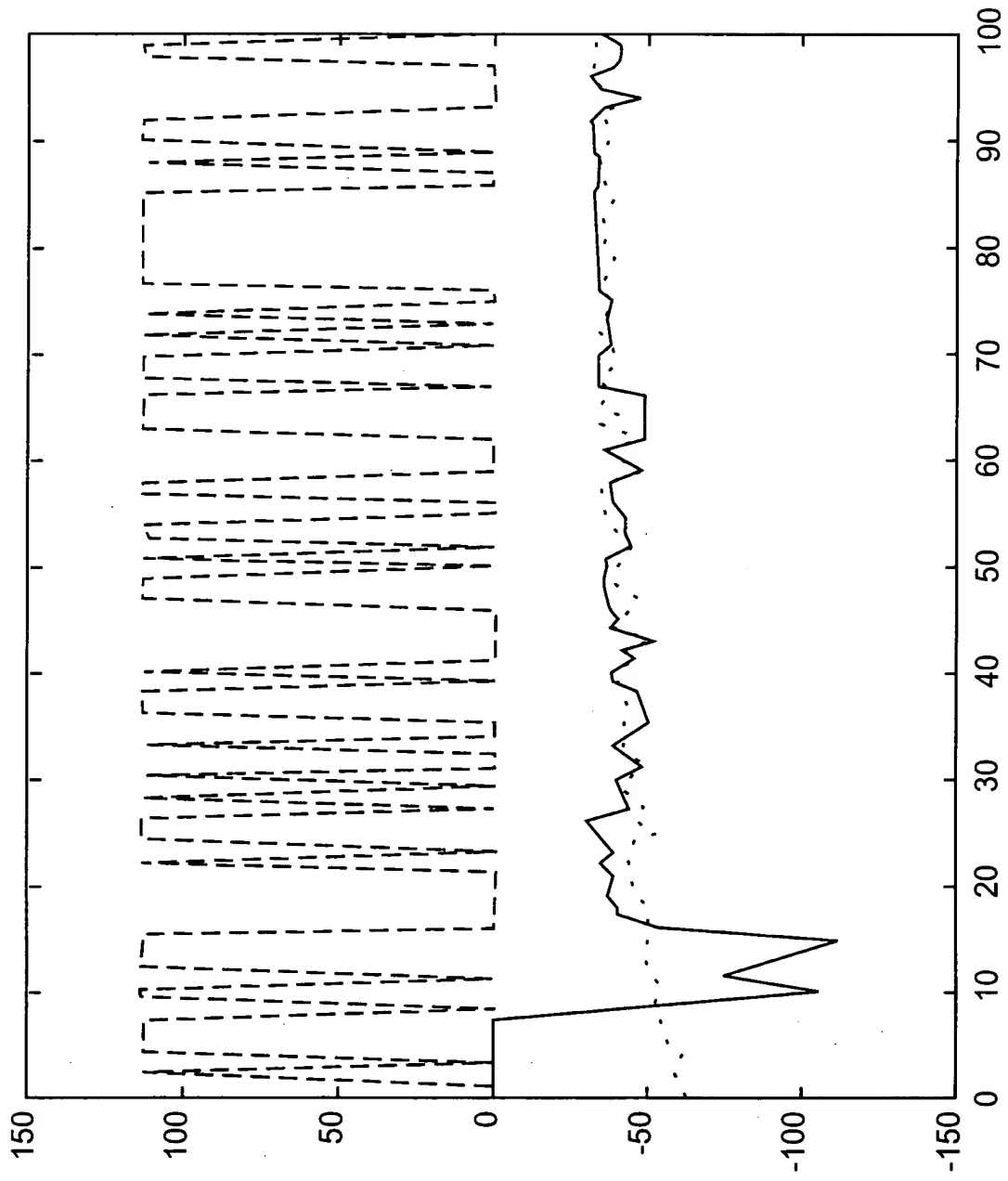
**FIG. 13C**

FILTER INPUT AND FILTER OUTPUT TIMESLICES



**FIG. 13D**

008027"49EEEL60



**FIG. 14**